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NOTES:

1. IDENTIFY IAW MPP 120
2. MANUFACTURE IAW MPP 145
- 3

PART DIMENSIONS CONTROLLED BY 3D CAD MODEL
F/N 1 CONTROLLED BY "650.0410 FAIRING.SLDPRT", LAST MODIFIED: 7/24/13
F/N 2 CONTROLLED BY "650.0411 RIGHT EJECTOR COVER.SLDPRT", LAST MODIFIED: 7/24/13
F/N 3 CONTROLLED BY "650.0412 LEFT EJECTOR COVER.SLDPRT", LAST MODIFIED: 7/17/13
- 4

MATERIAL: GREY EPOXY SURFACE VEIL (AX-2140-50")
- 5

MATERIAL: COPPER LIGHTNING STRIKE PROTECTION 3CU-125A (05-02632)
- 6

MATERIAL: CARBON FIBER PREPREG
CARBON FIBER: ALDILA PREPREG SYSTEM 3K 2X2-FR250B-204/40-50"
- 7

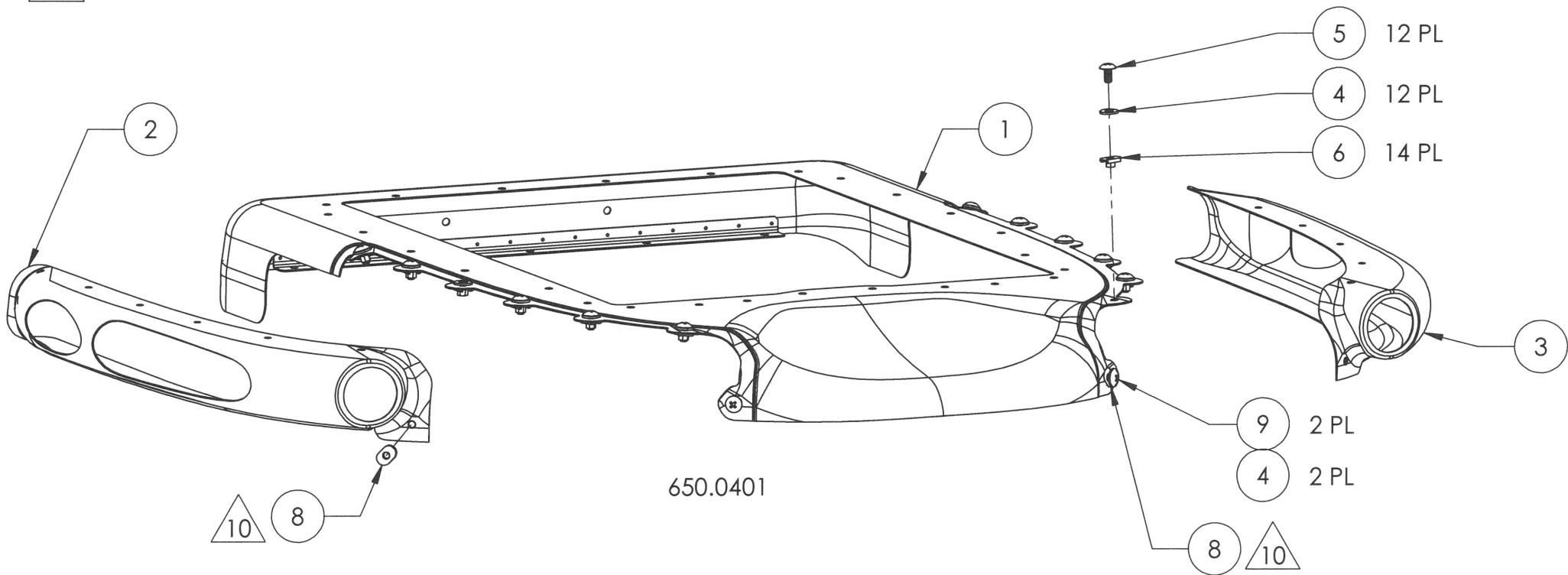
CURE TEMPERATURE: 260°F FOR 4 HOURS, SEE DRAWING DETAILS ON SHEET 3 FOR LAYUP SCHEDULE
- 8

PRIME IAW MIL-PRF-85582, 5 MIL MAX, MASK NUTPLATE THREADS
- 9

MATERIAL: POLYCARBONATE
- 10

ATTACH F/N 8 TO F/N 2 OR 3 USING PLASTIC WELDER FROM VENDOR DEVCON
- 11

APPLY MASKING PRIOR TO PRIMING



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE	07/25/13	J. GARDINER
A	INCORPORATED ECN 04272	11/27/13	P. BRAVO
B	INCORPORATED ECN 04310	12/17/13	P. BRAVO
C	INCORPORATED ECN 04507	04/18/14	P. BRAVO
D	INCORPORATED ECN 04939	04/28/15	P. BRAVO

1	12				
1	11				
2	9	601.3803	SCREW	LN9038-05-16	
2	8	650.0415	SPACER	<div>9</div>	<div>8</div> <div>10</div>
14	6	601.3802	CLICK BOND, NUTPLATE	CB6014CR5M-1P	
12	5	601.3801	SCREW	LN9038-05-14	
14	4	601.3800	WASHER	BS4320-A5	
1	3	650.0412	LEFT EJECTOR COVER	<div>4</div> <div>5</div> <div>6</div>	<div>3</div> <div>7</div> <div>8</div>
1	2	650.0411	RIGHT EJECTOR COVER	<div>4</div> <div>5</div> <div>6</div>	<div>3</div> <div>7</div> <div>8</div>
1	1	650.0410	FAIRING	<div>4</div> <div>5</div> <div>6</div>	<div>3</div> <div>7</div> <div>8</div>
<div></div>	<div></div>	650.0401	AS350 EAPS FAIRING ASSY		
.0401	F/N	P/N	DESCRIPTION	MAT'L	SPEC.
QTY			PARTS LIST		
NEXT ASSY (S)			ORIGINAL DATE (MO-DA-YR) 07/16/13	<div>APICAL INDUSTRIES</div> <div>2608 TEMPLE HEIGHTS DR.</div> <div>OCEANSIDE, CA. 92056-3512 (760)724-5300</div> <div>AS350 EAPS FAIRING ASSY</div>	
			DRAWN BY D. PETERS		
			CHECKER J. GARDINER		
			DRAWING APPROVAL J. GARDINER 07/25/13		
			CONTRACT No.		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°	SIZE B	CAGE CODE 07MZ6
				DWG. NO. 650.0400	REV. D
			SCALE NONE	SHEET 1 OF 4	

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A

B

C

D

FWD

34.15

22.60±.10

16.64±.10

24.25

Ø .26 TYP

R.20 TYP

R.59 TYP

Ø .23 TYP

650.0410

DETAIL B
TYP 4 PL

11

Ø .44 TYP

3.67

2.69

1.38

3.03 2 PL
TYP

Ø .26 TYP

ORIGINAL DATE 07/16/13
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DRAWING APPROVAL
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ANGLES ± .5°

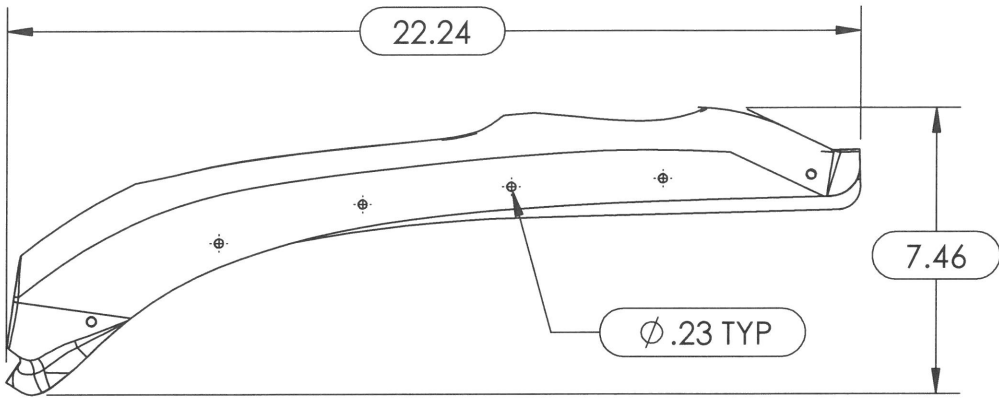
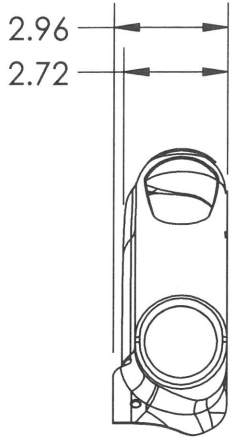
APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

AS350 EAPS FAIRING ASSY

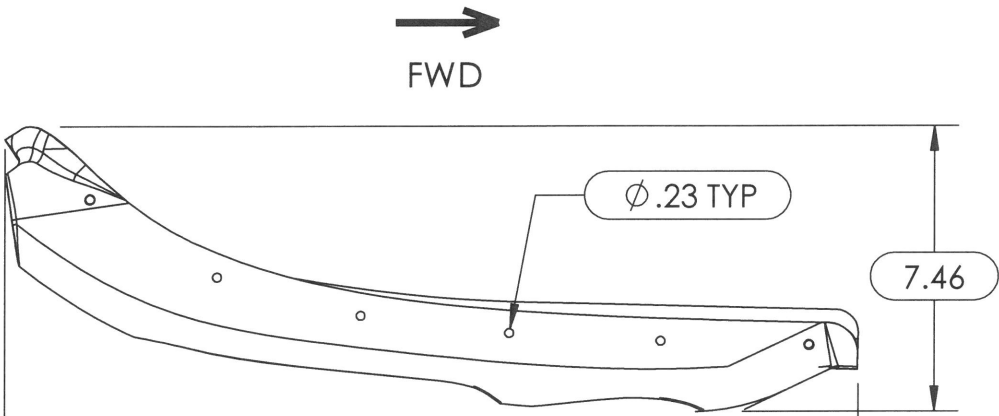
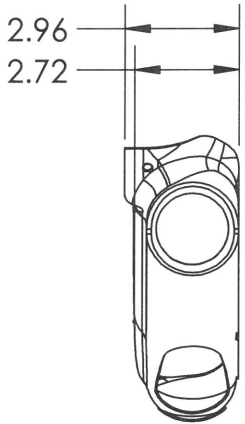
SIZE B	CAGE CODE 07MZ6	DWG. NO. 650.0400	REV. D
SCALE NONE			SHEET 2 OF 4

1 2 3 4 5 6 7 8

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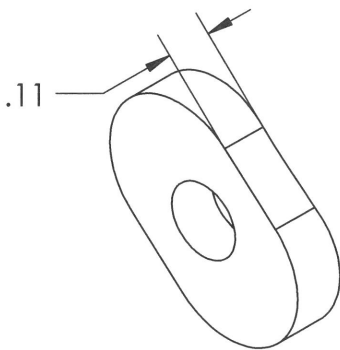
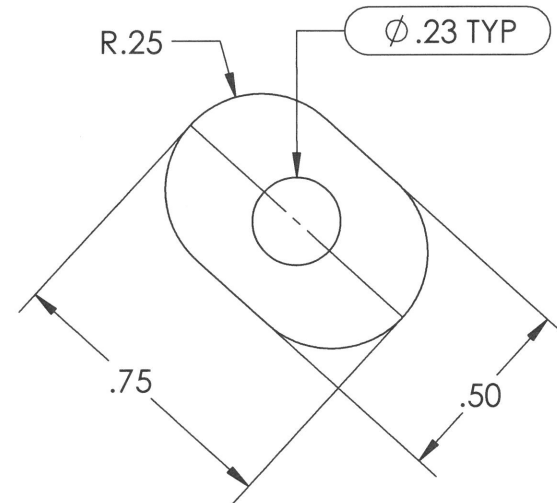


650.0411

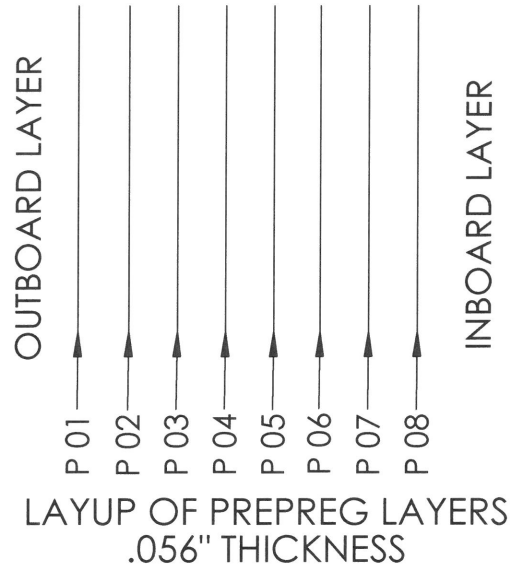


22.24

650.0412



650.0415



LAMINATE 1 - .056" (6 LAYERS CARBON FIBER)			
PLY	WARP ANGLE	MATERIAL	THICKNESS
01	NA	$\triangle 4$.004"
02	NA	$\triangle 5$.004"-.012"
03	0	$\triangle 6$.008"-.010" PER LAYER
04	90	$\triangle 6$	
05	0	$\triangle 6$	
06	90	$\triangle 6$	
07	0	$\triangle 6$	
08	90	$\triangle 6$	

ORIGINAL DATE 07/16/13 (MO-DA-YR)		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY D. PETERS	CHECKER J. GARDINER		
DRAWING APPROVAL J. GARDINER 07/25/13		AS350 EAPS FAIRING ASSY	
CONTRACT No.		SIZE B	REV. D
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES $\pm .5^\circ$		CAGE CODE 07MZ6	DWG. NO. 650.0400
		SCALE NONE	SHEET 3 OF 4

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A

B

C

D

10.15
10.09
10.02
9.63
8.96
8.96
8.86
7.95
5.91
5.57
3.74
1.98
0
1.96
3.72
5.56
5.90
7.93
8.84
8.95
8.95
9.61
10.01
10.07
10.13

.46
0
.25
2.06

5.78

9.93

14.14

18.50

21.69

23.03

23.34

23.43

22.70

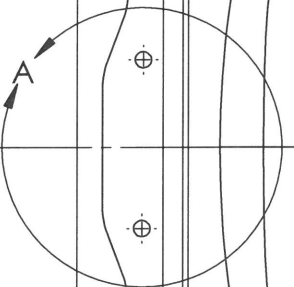
22.72

1.37

1.28

DETAIL A

CL



650.0410

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SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	650.0400	D
SCALE NONE			SHEET 4 OF 4